

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023480.D
 Acq On : 26 Dec 2022 11:16
 Operator : CG/JU
 Sample : PB149794BS
 Misc :
 ALS Vial : 117 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS794

Quant Time: Dec 27 03:47:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 25 05:17:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

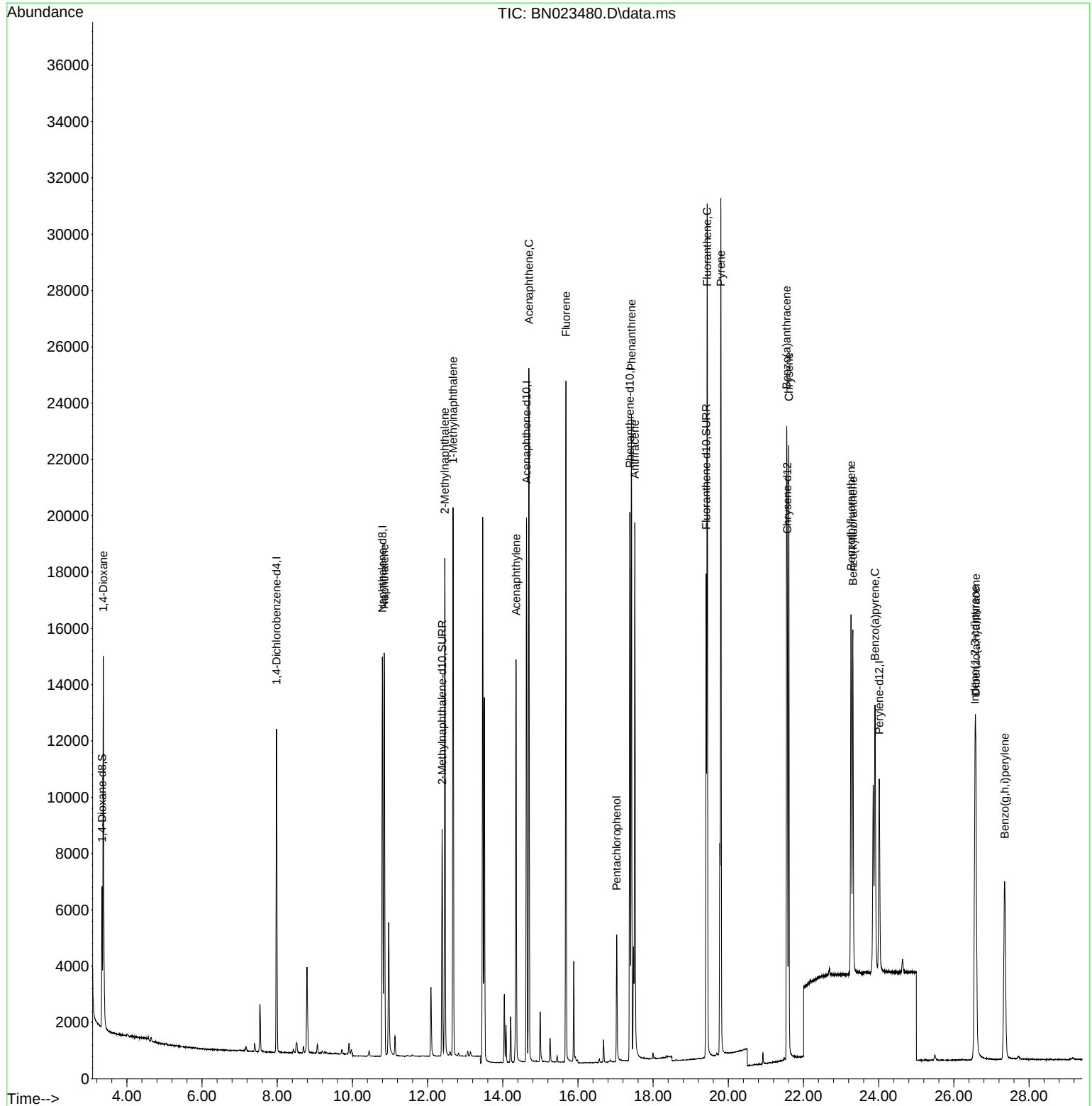
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	5637	0.400	ng/u1	0.00
4) Naphthalene-d8	10.798	136	18562	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.635	164	10398	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.381	188	21739	0.400	ng/u1	0.00
17) Chrysene-d12	21.570	240	12352	0.400	ng/u1	0.00
23) Perylene-d12	24.013	264	9667	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3386	0.553	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.387	152	9959	0.347	ng/u1	0.00
18) Fluoranthene-d10	19.410	212	18075	0.405	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.374	88	9282	1.481	ng/u1	91
5) Naphthalene	10.847	128	19132	0.351	ng/u1	100
7) 2-Methylnaphthalene	12.458	142	12060	0.346	ng/u1	100
8) 1-Methylnaphthalene	12.678	142	12985	0.362	ng/u1	100
10) Acenaphthylene	14.353	152	16164	0.351	ng/u1	100
11) Acenaphthene	14.695	153	13386	0.345	ng/u1	98
12) Fluorene	15.680	166	14712	0.337	ng/u1	100
14) Pentachlorophenol	17.030	266	3103	0.514	ng/u1	99
15) Phenanthrene	17.423	178	23890	0.338	ng/u1	100
16) Anthracene	17.511	178	20537	0.350	ng/u1	100
19) Fluoranthene	19.438	202	24731	0.413	ng/u1	99
20) Pyrene	19.800	202	24895	0.412	ng/u1	99
21) Benzo(a)anthracene	21.552	228	18315	0.381	ng/u1	100
22) Chrysene	21.608	228	18477	0.378	ng/u1	100
24) Benzo(b)fluoranthene	23.265	252	16838	0.337	ng/u1	97
25) Benzo(k)fluoranthene	23.312	252	16167	0.344	ng/u1	98
26) Benzo(a)pyrene	23.902	252	13941	0.352	ng/u1	95
27) Indeno(1,2,3-cd)pyrene	26.561	276	17233	0.373	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.584	278	13565	0.378	ng/u1	99
29) Benzo(g,h,i)perylene	27.352	276	14533	0.386	ng/u1	98

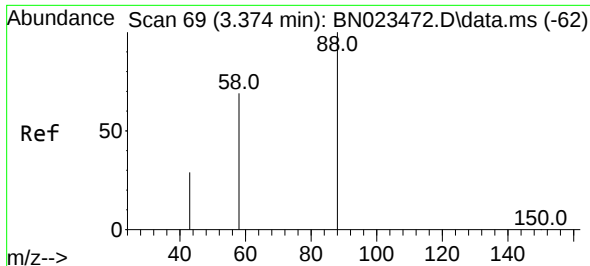
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 27 03:47:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 25 05:17:59 2022
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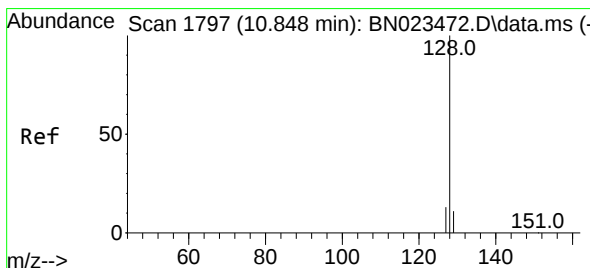
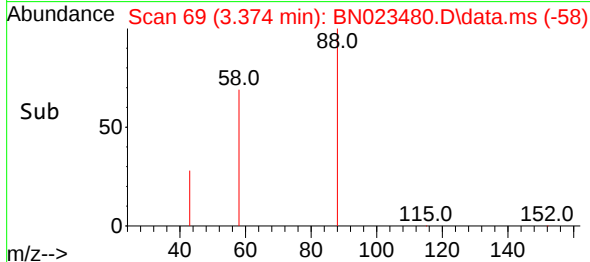
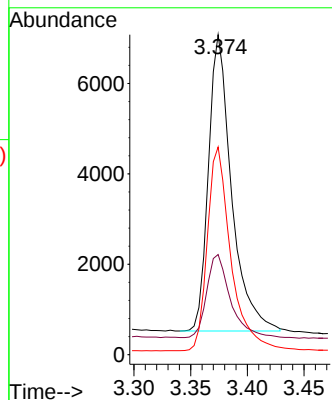
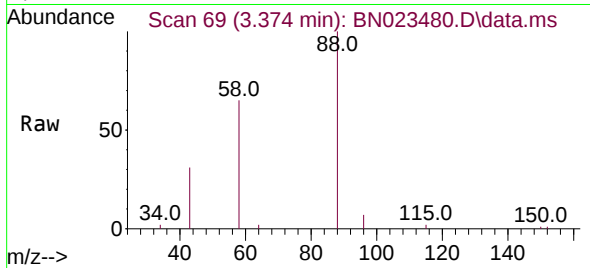




#2
1,4-Dioxane
Concen: 1.481 ng/ul
RT: 3.374 min Scan# 69
Delta R.T. -0.004 min
Lab File: BN023480.D
Acq: 26 Dec 2022 11:16

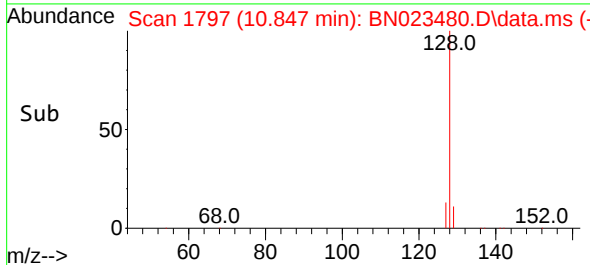
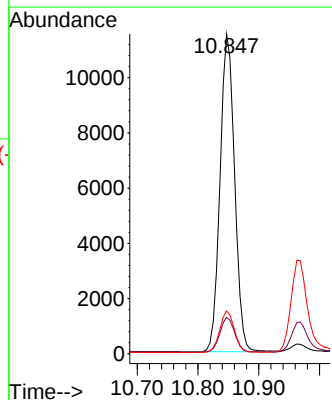
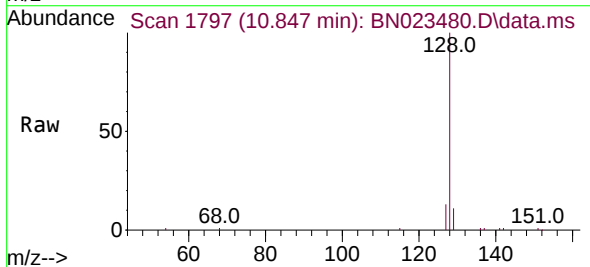
Instrument :
BNA_N
ClientSampleId :
SLCS794

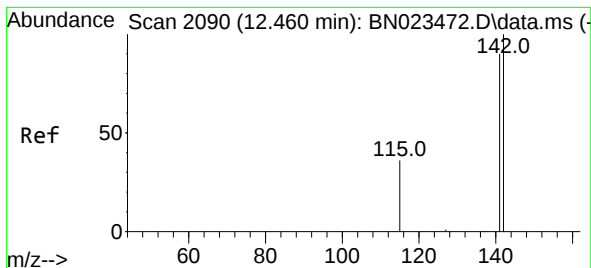
Tgt Ion: 88	Resp:	9282
Ion Ratio	Lower	Upper
88	100	
43	31.3	28.4 42.6
58	64.9	45.6 68.4



#5
Naphthalene
Concen: 0.351 ng/ul
RT: 10.847 min Scan# 1797
Delta R.T. -0.007 min
Lab File: BN023480.D
Acq: 26 Dec 2022 11:16

Tgt Ion: 128	Resp:	19132
Ion Ratio	Lower	Upper
128	100	
129	11.4	9.0 13.4
127	13.4	10.7 16.1

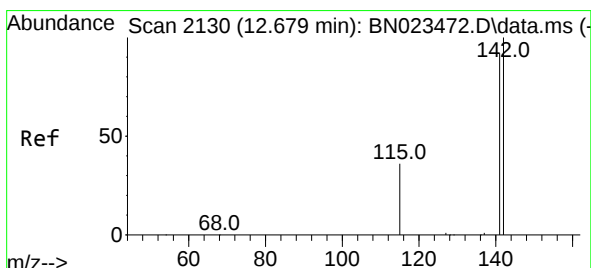
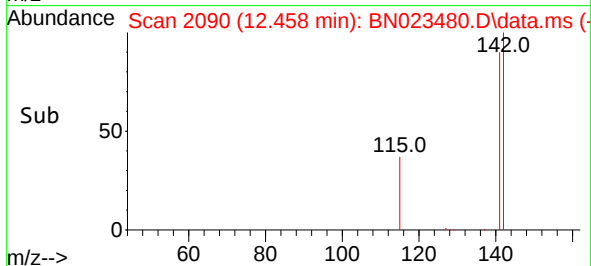
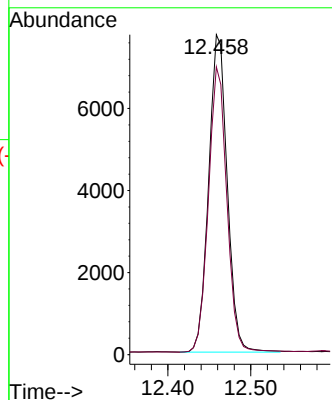
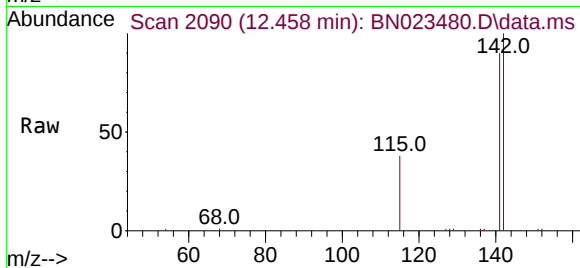




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.458 min Scan# 2090
Delta R.T. -0.007 min
Lab File: BN023480.D
Acq: 26 Dec 2022 11:16

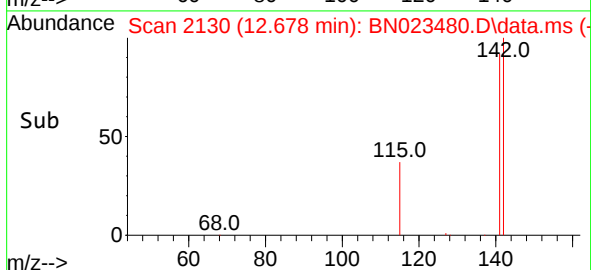
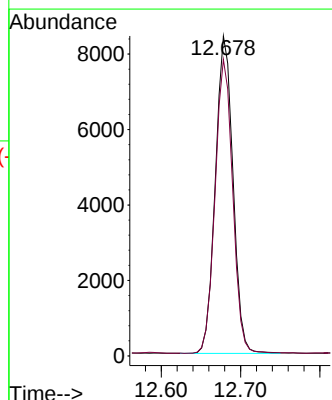
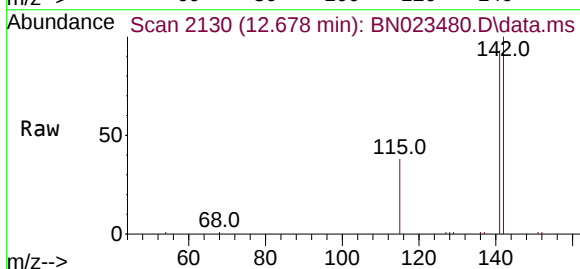
Instrument :
BNA_N
ClientSampleId :
SLCS794

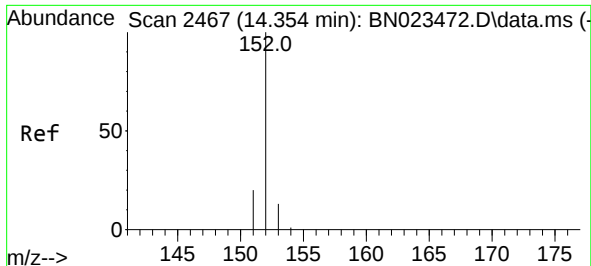
Tgt Ion:142 Resp: 12060
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.678 min Scan# 2130
Delta R.T. -0.007 min
Lab File: BN023480.D
Acq: 26 Dec 2022 11:16

Tgt Ion:142 Resp: 12985
Ion Ratio Lower Upper
142 100
141 92.6 74.0 111.0

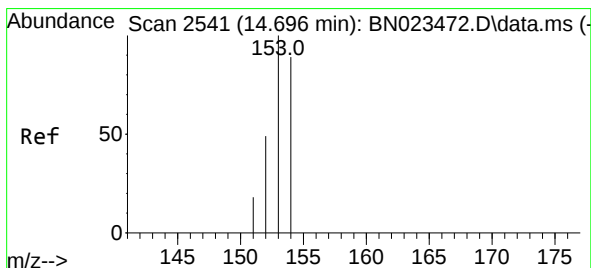
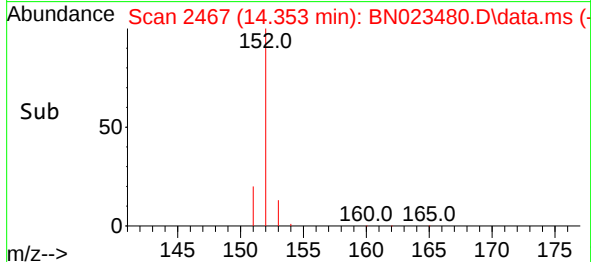
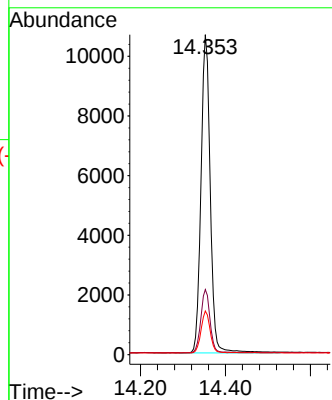
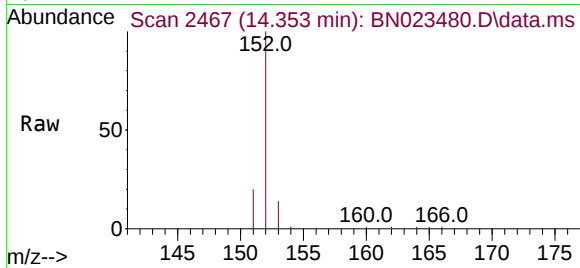




#10
Acenaphthylene
Concen: 0.351 ng/ul
RT: 14.353 min Scan# 2467
Delta R.T. -0.006 min
Lab File: BN023480.D
Acq: 26 Dec 2022 11:16

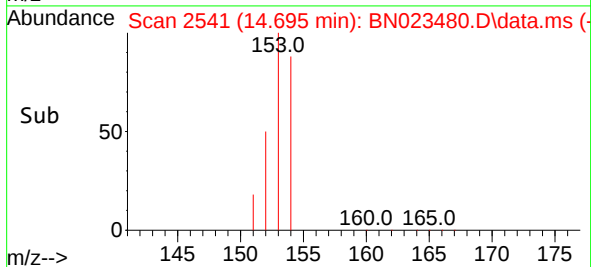
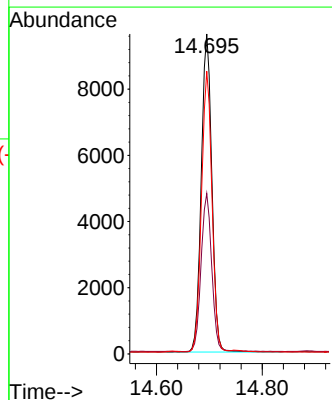
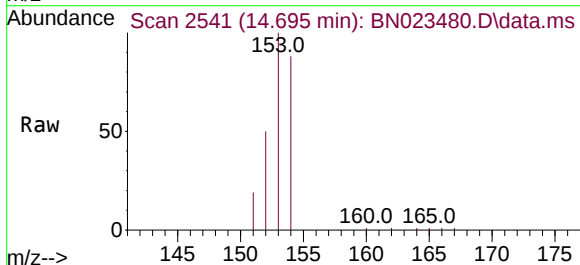
Instrument :
BNA_N
ClientSampleId :
SLCS794

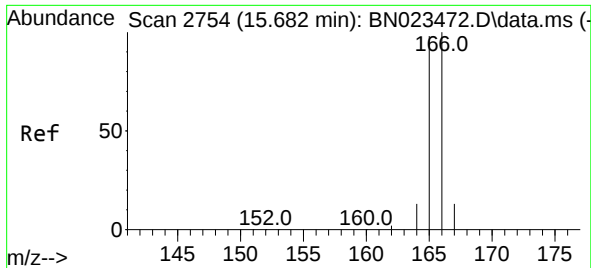
Tgt Ion:152 Resp: 16164
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.695 min Scan# 2541
Delta R.T. -0.006 min
Lab File: BN023480.D
Acq: 26 Dec 2022 11:16

Tgt Ion:153 Resp: 13386
Ion Ratio Lower Upper
153 100
152 50.1 41.0 61.4
154 88.3 69.5 104.3

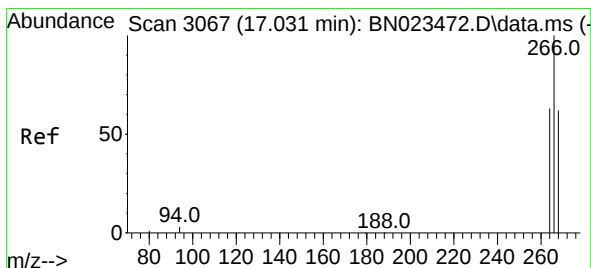
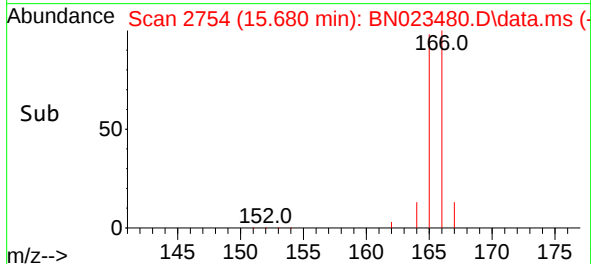
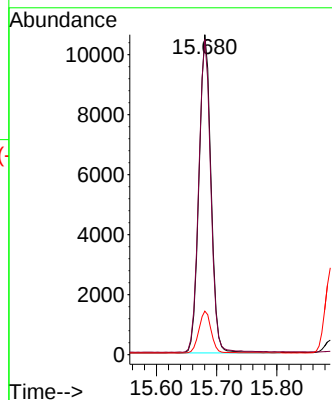
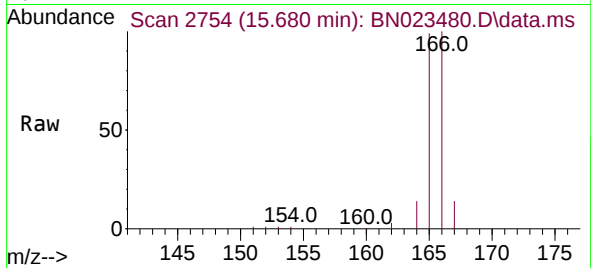




#12
Fluorene
Concen: 0.337 ng/ul
RT: 15.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN023480.D
Acq: 26 Dec 2022 11:16

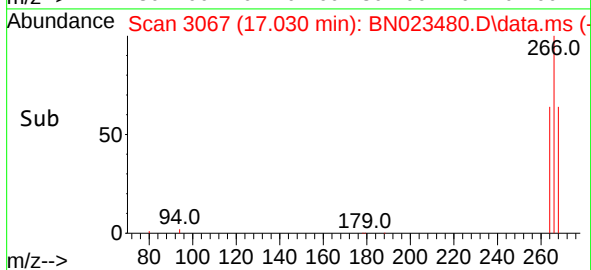
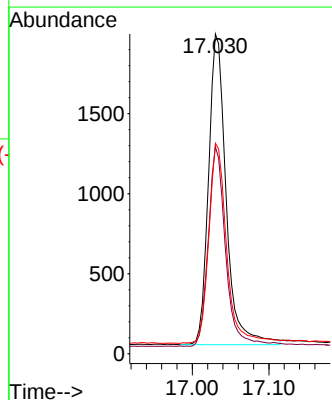
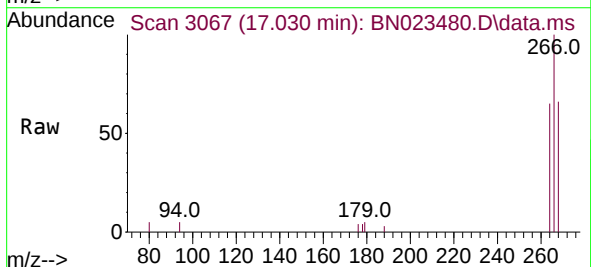
Instrument :
BNA_N
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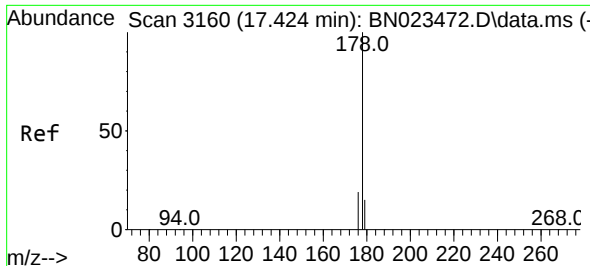
Tgt Ion:166 Resp: 14712
Ion Ratio Lower Upper
166 100
165 98.5 79.1 118.7
167 13.6 11.0 16.4



#14
Pentachlorophenol
Concen: 0.514 ng/ul
RT: 17.030 min Scan# 3067
Delta R.T. -0.009 min
Lab File: BN023480.D
Acq: 26 Dec 2022 11:16

Tgt Ion:266 Resp: 3103
Ion Ratio Lower Upper
266 100
264 63.4 49.8 74.6
268 65.1 51.4 77.0

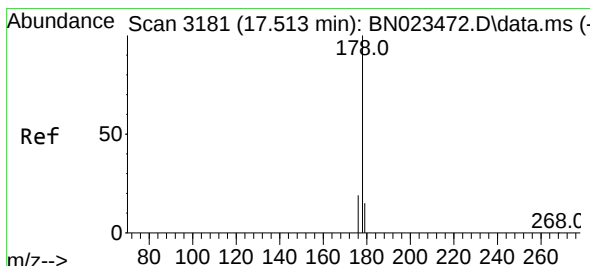
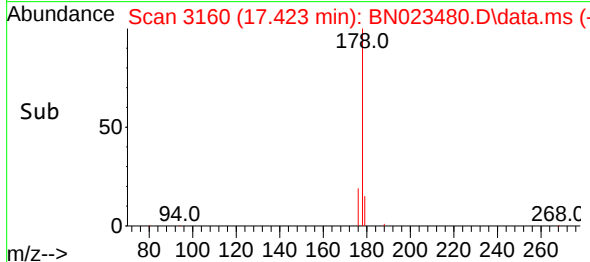
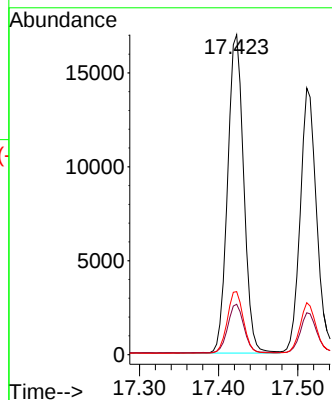
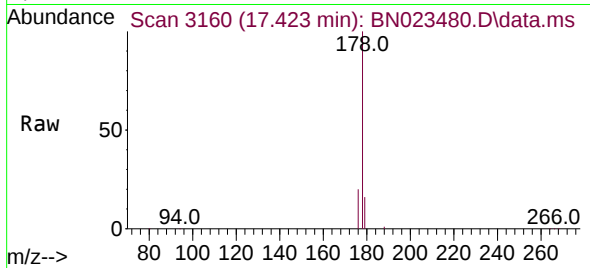




#15
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.423 min Scan# 3160
Delta R.T. -0.005 min
Lab File: BN023480.D
Acq: 26 Dec 2022 11:16

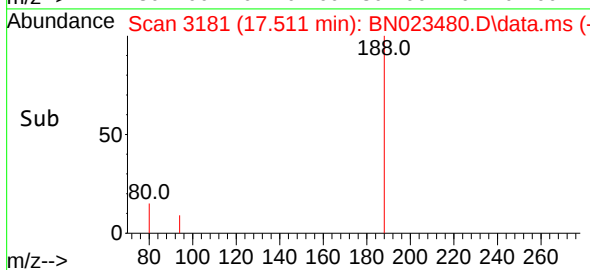
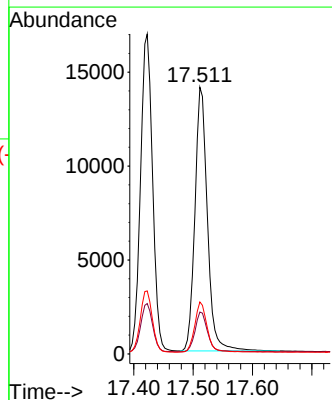
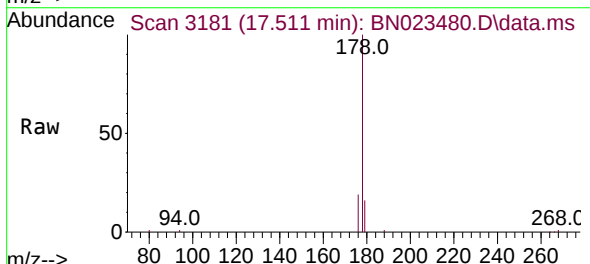
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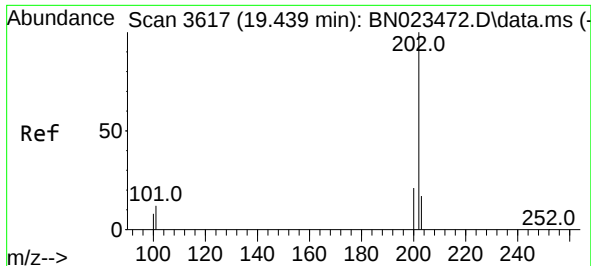
Tgt Ion:178 Resp: 23890
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.7 15.7 23.5



#16
Anthracene
Concen: 0.350 ng/ul
RT: 17.511 min Scan# 3181
Delta R.T. -0.009 min
Lab File: BN023480.D
Acq: 26 Dec 2022 11:16

Tgt Ion:178 Resp: 20537
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.5 15.4 23.0

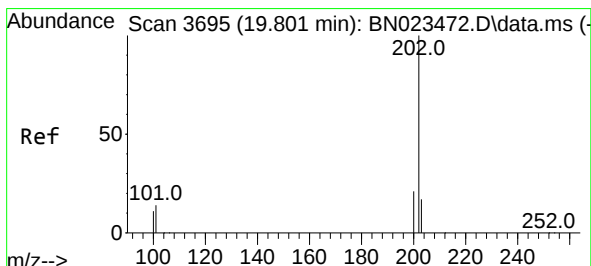
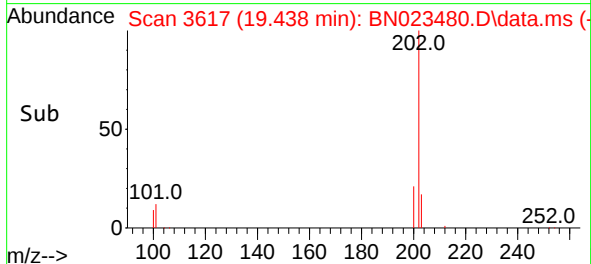
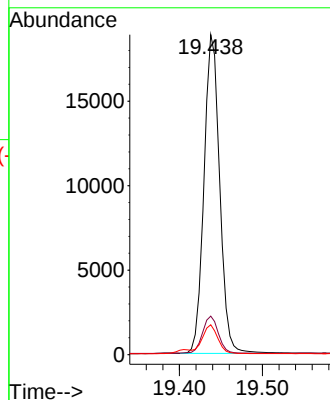
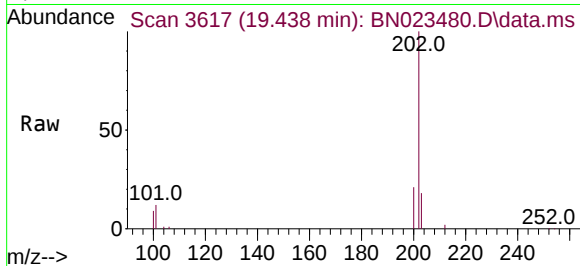




#19
Fluoranthene
Concen: 0.413 ng/ul
RT: 19.438 min Scan# 3617
Delta R.T. -0.006 min
Lab File: BN023480.D
Acq: 26 Dec 2022 11:16

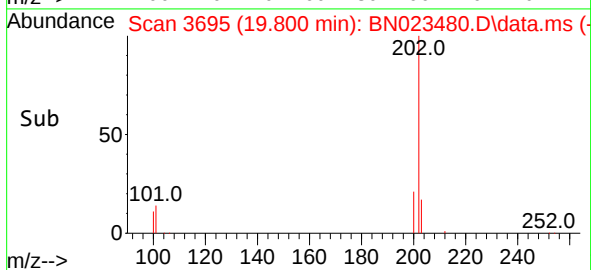
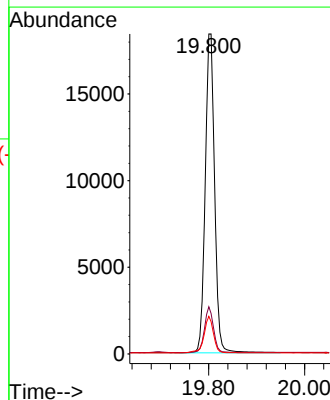
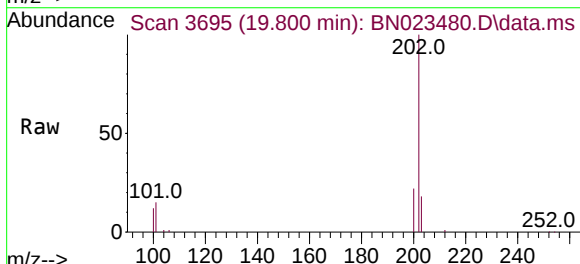
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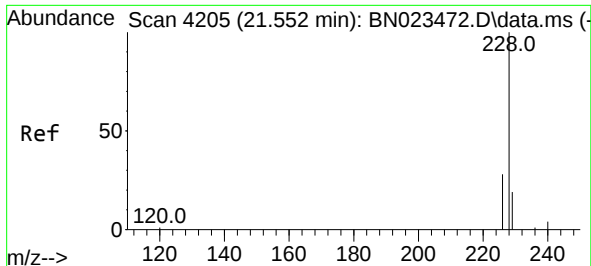
Tgt Ion:202 Resp: 24731
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.2
100 9.3 7.0 10.6



#20
Pyrene
Concen: 0.412 ng/ul
RT: 19.800 min Scan# 3695
Delta R.T. -0.006 min
Lab File: BN023480.D
Acq: 26 Dec 2022 11:16

Tgt Ion:202 Resp: 24895
Ion Ratio Lower Upper
202 100
101 14.7 11.3 16.9
100 11.7 9.0 13.4

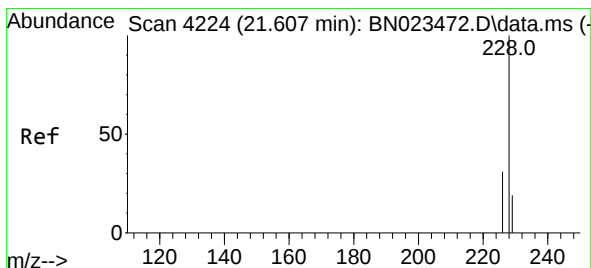
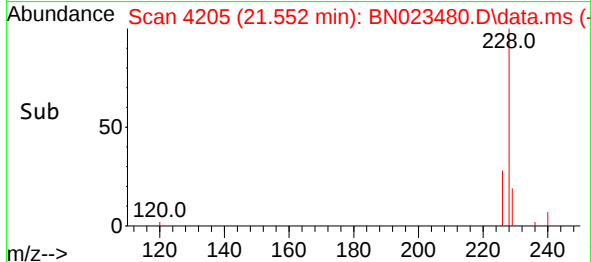
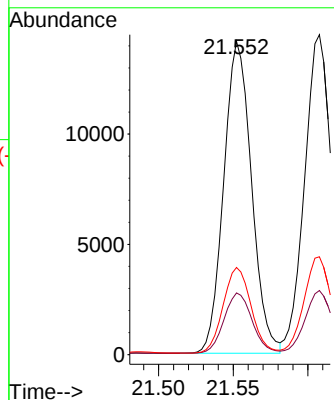
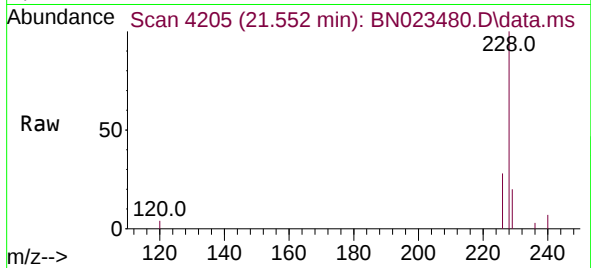




#21
Benzo(a)anthracene
Concen: 0.381 ng/ul
RT: 21.552 min Scan# 4205
Delta R.T. -0.004 min
Lab File: BN023480.D
Acq: 26 Dec 2022 11:16

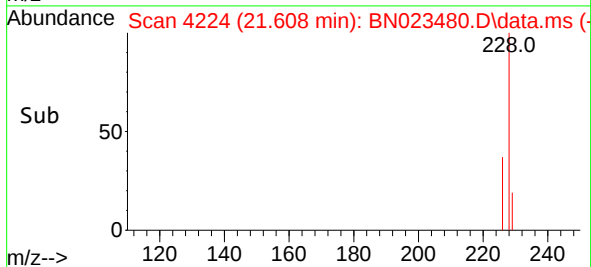
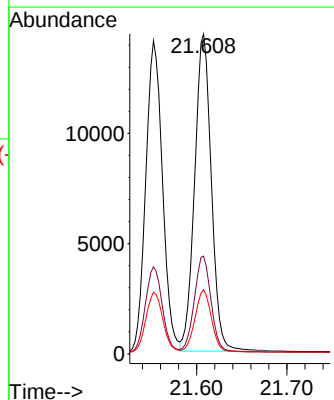
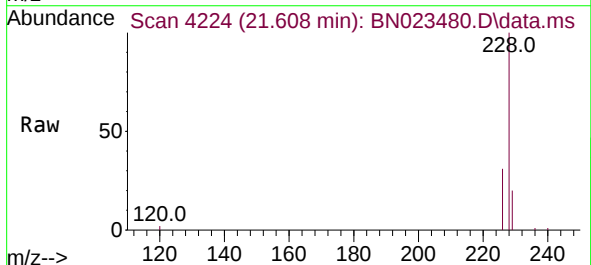
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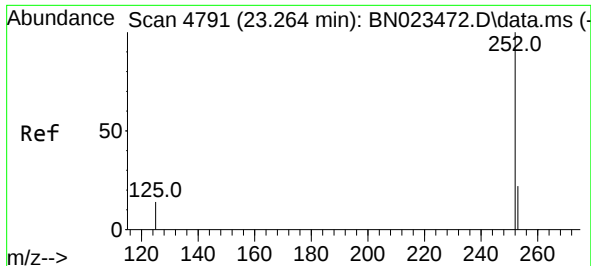
Tgt Ion:228 Resp: 18315
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.608 min Scan# 4224
Delta R.T. -0.004 min
Lab File: BN023480.D
Acq: 26 Dec 2022 11:16

Tgt Ion:228 Resp: 18477
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 20.0 15.8 23.6

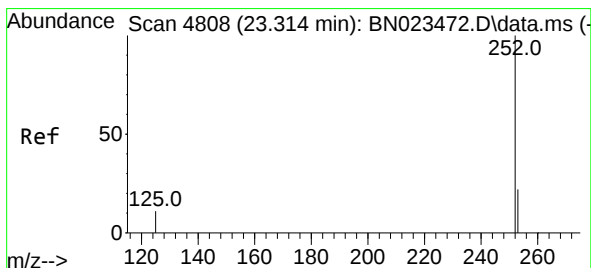
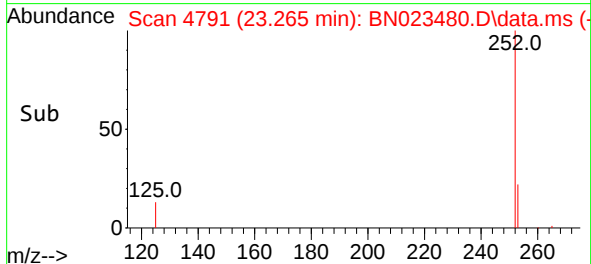
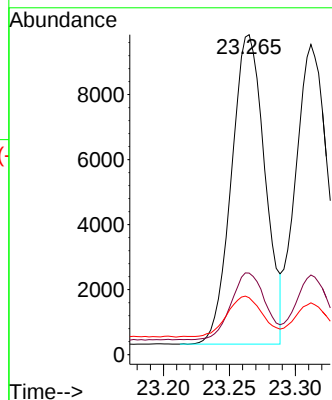
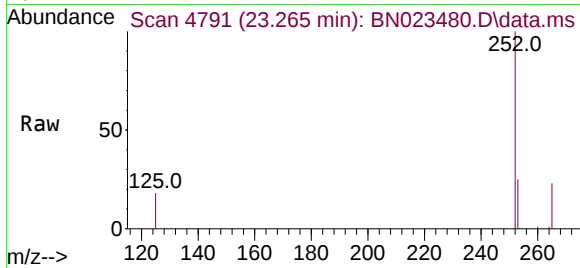




#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 23.265 min Scan# 4791
Delta R.T. -0.004 min
Lab File: BN023480.D
Acq: 26 Dec 2022 11:16

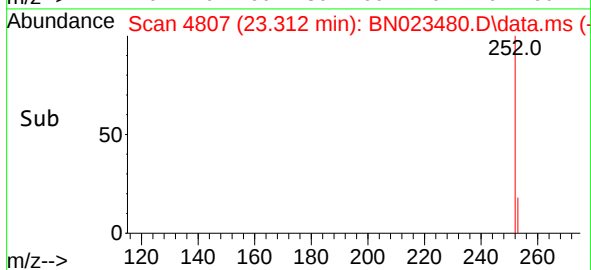
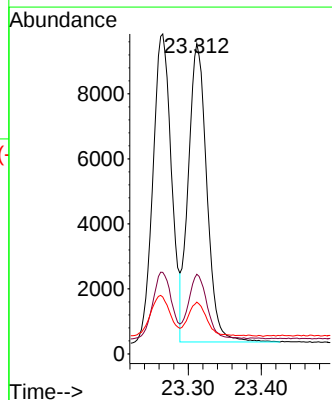
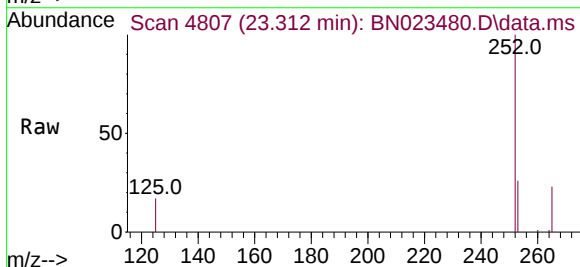
Instrument :
BNA_N
ClientSampleId :
SLCS794

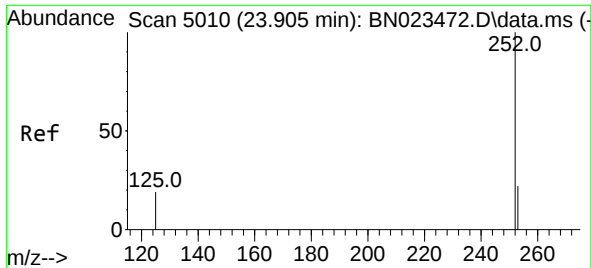
Tgt Ion:252 Resp: 16838
Ion Ratio Lower Upper
252 100
253 25.5 0.0 49.2
125 17.8 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul
RT: 23.312 min Scan# 4807
Delta R.T. -0.007 min
Lab File: BN023480.D
Acq: 26 Dec 2022 11:16

Tgt Ion:252 Resp: 16167
Ion Ratio Lower Upper
252 100
253 25.6 19.8 29.6
125 16.7 12.6 18.8

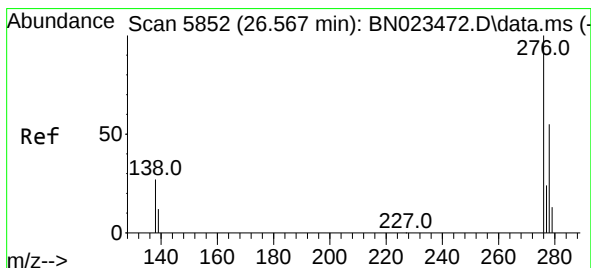
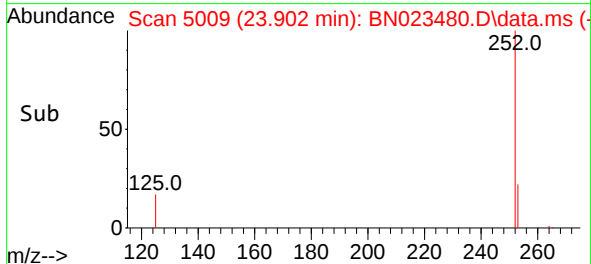
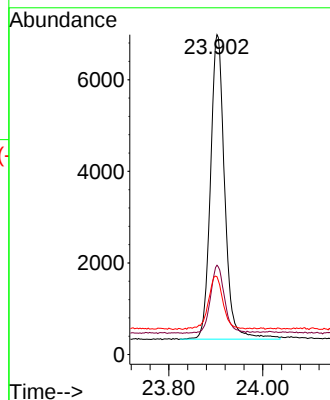
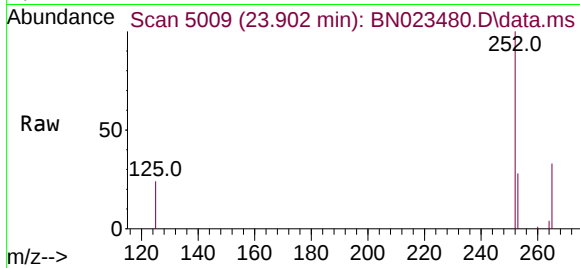




#26
Benzo(a)pyrene
Concen: 0.352 ng/ul
RT: 23.902 min Scan# 5010
Delta R.T. -0.007 min
Lab File: BN023480.D
Acq: 26 Dec 2022 11:16

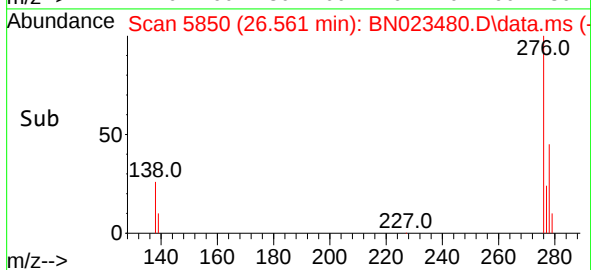
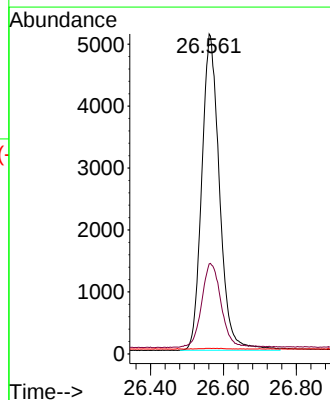
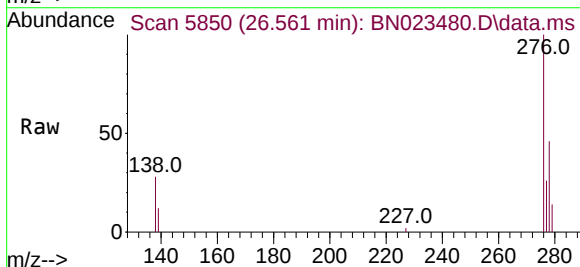
Instrument :
BNA_N
ClientSampleId :
SLCS794

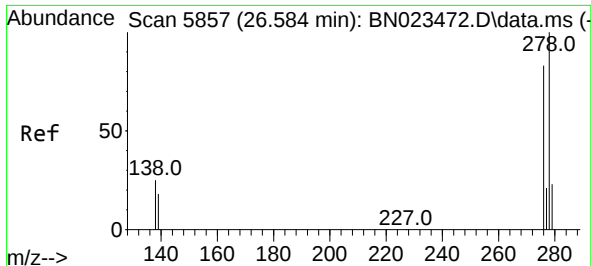
Tgt Ion:252	Resp:	13941
Ion Ratio	Lower	Upper
252	100	
253	27.9	21.4 32.2
125	24.3	16.2 24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/ul
RT: 26.561 min Scan# 5850
Delta R.T. -0.014 min
Lab File: BN023480.D
Acq: 26 Dec 2022 11:16

Tgt Ion:276	Resp:	17233
Ion Ratio	Lower	Upper
276	100	
138	29.1	23.4 35.2
227	0.3	0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.378 ng/ul

RT: 26.584 min Scan# 5857

Delta R.T. -0.014 min

Lab File: BN023480.D

Acq: 26 Dec 2022 11:16

Instrument :

BNA_N

ClientSampleId :

SLCS794

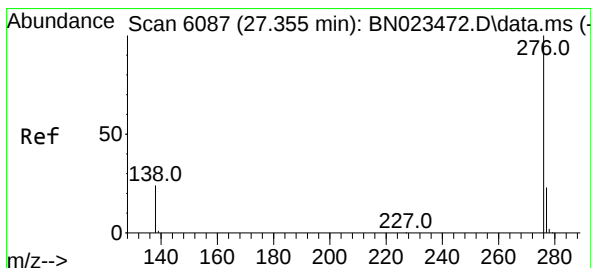
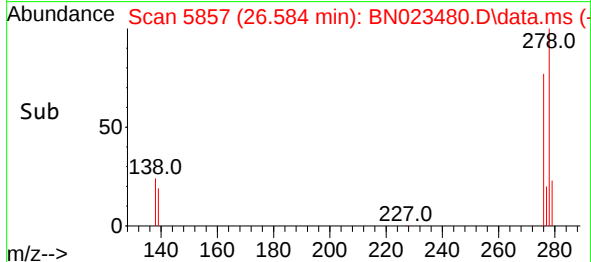
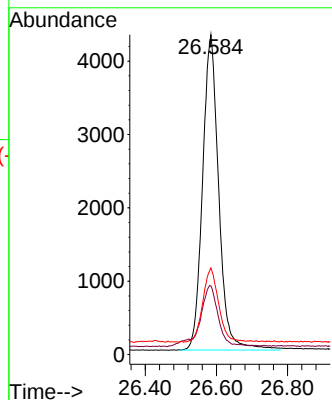
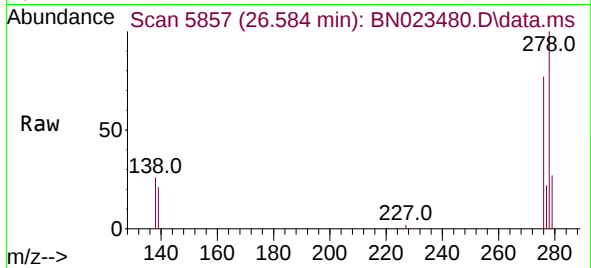
Tgt Ion:278 Resp: 13565

Ion Ratio Lower Upper

278 100

139 21.5 16.6 24.8

279 27.1 21.3 31.9



#29

Benzo(g,h,i)perylene

Concen: 0.386 ng/ul

RT: 27.352 min Scan# 6086

Delta R.T. -0.014 min

Lab File: BN023480.D

Acq: 26 Dec 2022 11:16

Tgt Ion:276 Resp: 14533

Ion Ratio Lower Upper

276 100

138 26.8 20.3 30.5

277 25.0 19.7 29.5

